1 Test Results for Mobile Device Acquisition Tool – MPE+ v5.5.3.73

The main item of interest for interpreting the test results is determining the conformance of the tool under test. Conformance with each assertion tested by a given test case is evaluated by examining the **Log Highlights** box of the test report.

1.1 Test Results Report Key

The following table presents an explanation of each section of the test details in section 1.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights sections for each test case are populated by excerpts taken from the log files produced by the tool under test.

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from *Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014).*
Assertions:	The test assertions applicable to the test case, selected from *Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014).*
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device, SIM.
Source Setup:	Acquisition interface.
Log Highlights:	Information extracted from various log files to illustrate conformance or non-conformance to the test assertions.

Table 1: Test Results Report Key

16 *1.2 Test Results*

17 The test results are presented in this section.

18

19 **1.2.1 MDT-01 – Samsung Galaxy Note 3 (CDMA)**

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Jul 18 15:21:26 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 18 15:21:26 EDT 2014 Acquisition finished: Fri Jul 18 15:25:13 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

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21 **1.2.2 MDT-02 – Samsung Galaxy Note 3 (CDMA)**

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Jul 18 15:26:01 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 18 15:26:01 EDT 2014 Acquisition finished: Fri Jul 18 15:49:13 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

22

23 ## 1.2.3 MDT-03 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Jul 18 15:54:59 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 18 15:54:59 EDT 2014 Acquisition finished: Fri Jul 18 17:03:25 EDT 2014 Readability and completeness of acquired data was successful
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

24

25 ## 1.2.4 MDT-04 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 22 13:31:41 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 22 13:31:41 EDT 2014 Acquisition finished: Tue Jul 22 15:56:44 EDT 2014 MEID/ESN was acquired **Notes:** The MSISDN was not reported.
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

26

27 ## 1.2.5 MDT-05 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 22 16:01:32 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 22 16:01:32 EDT 2014 Acquisition finished: Tue Jul 22 16:27:36 EDT 2014 All address book entries were successfully acquired All PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired Internet related data was not acquired All Social media related data was acquired **Notes:** Graphic files associated with contact entries were not acquired. Internet related data (bookmarks) were not acquired.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

28

29 1.2.6 MDT-06 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 22 16:41:33 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 22 16:41:33 EDT 2014 Acquisition finished: Tue Jul 22 16:47:03 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

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31 1.2.7 MDT-12 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 10:54:24 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 10:54:24 EDT 2014 Acquisition finished: Wed Jul 23 11:13:39 EDT 2014

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
	Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported.
Results:	
		Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected	
Analysis:	Expected results achieved

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1.2.8 MDT-19 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 11:17:16 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 11:17:16 EDT 2014 Acquisition finished: Wed Jul 23 12:01:50 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	
		Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected	
Analysis:	Expected results achieved

34

1.2.9 MDT-22 – Samsung Galaxy Note 3 (CDMA)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 12:02:41 EDT 2014
Device:	Samsung_GalaxyNote
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 12:02:41 EDT 2014 Acquisition finished: Wed Jul 23 13:27:38 EDT 2014

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
	Hash values were properly reported for individually acquired device data elements
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

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1.2.10   MDT-01 – Samsung Galaxy S3 (GSM)

37

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 14:55:45 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 14:55:45 EDT 2014 Acquisition finished: Tue Aug 19 15:33:07 EDT 2014 Device connectivity was established via supported interface
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>MDT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

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1.2.11   MDT-02 – Samsung Galaxy S3 (GSM)

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Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 14:56:50 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 14:56:50 EDT 2014 Acquisition finished: Tue Aug 19 15:33:25 EDT 2014 Device acquisition disruption notification was successful
Results:	

Test Case MDT-02 Access Data MPE+ v5.5.2.60

	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

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1.2.12   MDT-03 – Samsung Galaxy S3 (GSM)

Test Case MDT-03 Access Data MPE+ v5.5.2.60

Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 14:57:42 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 14:57:42 EDT 2014 Acquisition finished: Thu Aug 21 11:53:50 EDT 2014 Readability and completeness of acquired data was successful

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

42

1.2.13   MDT-04 – Samsung Galaxy S3 (GSM)

Test Case MDT-04 Access Data MPE+ v5.5.2.60

Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 14:58:24 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 14:58:24 EDT 2014 Acquisition finished: Thu Aug 21 11:55:31 EDT 2014 IMEI was acquired **Notes:** The MSISDN was not reported.
Results:	

Test Case MDT-04 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Analysis:	Partial results achieved	

44

1.2.14   MDT-05 – Samsung Galaxy S3 (GSM)

45

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 14:59:11 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 14:59:11 EDT 2014 Acquisition finished: Thu Aug 21 12:00:11 EDT 2014

All address book entries were successfully acquired
Partial PIM related data was acquired
All Call Logs (incoming, outgoing, missed) were acquired
All Call Log date/time stamps data were correctly reported
ALL text messages (SMS, EMS) were acquired
Correct date/time stamps were reported for all text messages
Correct status flags were reported for all text messages
Sender and Recipient phone numbers associated with text messages were correctly reported
ALL MMS messages (Audio, Image, Video) were acquired
ALL stand-alone data files (Audio, Image, Video) were acquired
Application data was not acquired
All Internet related data was acquired
All Social media related data was acquired

Notes:
Graphic files associated with contact entries were not acquired. |

Results:			
	Assertion & Expected Result		**Actual Result**
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		Not as expected
Analysis:	Partial results achieved		

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1.2.15   MDT-06 – Samsung Galaxy S3 (GSM)

47

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
	complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 14:59:58 EDT 2014
Device:	Samsung GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 14:59:58 EDT 2014 Acquisition finished: Thu Aug 21 12:06:33 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

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49 ## 1.2.16   MDT-07 – Samsung Galaxy S3 (GSM)

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 13:55:47 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 13:55:47 EDT 2014 Acquisition finished: Thu Aug 21 15:48:05 EDT 2014 UICC connectivity was established via supported interface
Results:	

Test Case MDT-07 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

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1.2.17   MDT-08 – Samsung Galaxy S3 (GSM)

51

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 13:57:32 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 13:57:32 EDT 2014 Acquisition finished: Thu Aug 21 15:48:36 EDT 2014 Media acquisition disruption notification was not successful **Notes:** No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.
Results:	

	Assertion & Expected Result	**Actual Result**
	MDT-AO-02 Notification of SIM acquisition disruption.	Not as expected

Analysis:	Expected results not achieved

52

1.2.18   MDT-09 – Samsung Galaxy S3 (GSM)

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Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 13:58:32 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 13:58:32 EDT 2014 Acquisition finished: Thu Aug 21 15:54:51 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired
Results:	

Test Case MDT-09 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	Not as expected
Analysis:	Partial results not achieved	

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1.2.19   MDT-10 – Samsung Galaxy S3 (GSM)

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Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 13:59:24 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 13:59:24 EDT 2014 Acquisition finished: Thu Aug 21 15:55:17 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.

	Assertion & Expected Result	Actual Result
Results:	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	Not as expected
Analysis:	Partial results achieved	

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1.2.20   MDT-11 – Samsung Galaxy S3 (GSM)

57

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
	ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 14:00:00 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 14:00:00 EDT 2014 Acquisition finished: Thu Aug 21 15:57:02 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
MDT-AO-06 Select-all UICC data objects acquisition.	as expected
MDT-AO-07 Select-individual UICC data objects acquisition.	as expected

Analysis:	Expected results achieved

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59 ## 1.2.21 MDT-12 – Samsung Galaxy S3 (GSM)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 15:00:33 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 15:00:33 EDT 2014 Acquisition finished: Thu Aug 21 12:07:14 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

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62 ## 1.2.22   MDT-13 – Samsung Galaxy S3 (GSM)

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 14:00:42 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 14:00:42 EDT 2014 Acquisition finished: Thu Aug 21 15:57:35 EDT 2014 Notification of modified SIM data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened only the device information data is reported. Tool only gives warning when the case size changes.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

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64 ## 1.2.23   MDT-14 – Samsung Galaxy S3 (GSM)

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 14:01:21 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 14:01:21 EDT 2014 Acquisition finished: Thu Aug 21 16:09:02 EDT 2014 Ability to enter PIN on protected media before acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-09 Acquisition of password protected UICC.	as expected

Analysis:	Expected results achieved

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68   ## 1.2.24   MDT-15 – Samsung Galaxy S3 (GSM)

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 14:02:18 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 14:02:18 EDT 2014 Acquisition finished: Thu Aug 21 16:09:43 EDT 2014 The remaining number of PIN attempts were properly displayed

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected

Analysis:	Expected results achieved

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70   ## 1.2.25   MDT-16 – Samsung Galaxy S3 (GSM)

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Sep 5 14:37:40 EDT 2014
Device:	SamsungGalaxyS3_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:37:40 EDT 2014 Acquisition finished: Fri Sep 5 15:37:00 EDT 2014 Remaining number of PUK attempts were properly displayed

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected

Analysis:	Expected results achieved

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72 ## 1.2.26 MDT-19 – Samsung Galaxy S3 (GSM)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 15:01:03 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 15:01:03 EDT 2014 Acquisition finished: Thu Aug 21 12:12:15 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

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74 ## 1.2.27 MDT-20 – Samsung Galaxy S3 (GSM)

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 21 14:03:27 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 21 14:03:27 EDT 2014 Acquisition finished: Thu Aug 21 16:10:26 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

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1.2.28   MDT-22 – Samsung Galaxy S3 (GSM)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 19 15:01:36 EDT 2014
Device:	Samsung_GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 19 15:01:36 EDT 2014 Acquisition finished: Thu Aug 21 12:12:42 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected

Analysis:	Expected results achieved

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1.2.29   MDT-01 – Samsung Galaxy S4 (GSM)

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 10:57:21 EDT 2014
Device:	SamsungGalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 10:57:21 EDT 2014 Acquisition finished: Tue Aug 26 15:52:13 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

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1.2.30   MDT-02 – Samsung Galaxy S4 (GSM)

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.

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Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:03:53 EDT 2014
Device:	SamsungGalaxy_S4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:03:53 EDT 2014 Acquisition finished: Fri Aug 29 11:15:24 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

82

1.2.31   MDT-03 – Samsung Galaxy S4 (GSM)

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Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:06:34 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:06:34 EDT 2014 Acquisition finished: Fri Aug 29 11:15:51 EDT 2014 Readability and completeness of acquired data was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

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1.2.32   MDT-04 – Samsung Galaxy S4 (GSM)

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Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:07:11 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:07:11 EDT 2014 Acquisition finished: Fri Aug 29 11:16:11 EDT 2014 MEID/ESN was acquired **Notes:** The MSISDN was not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

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87 ## 1.2.33   MDT-05 – Samsung Galaxy S4 (GSM)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:08:03 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:08:03 EDT 2014 Acquisition finished: Fri Aug 29 11:18:54 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired All Internet related data was acquired All Social media related data was acquired **Notes:** Graphic files associated with contact entries were not acquired.
Results:	

Test Case MDT-05 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Analysis:	Partial results achieved	

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1.2.34   MDT-06 – Samsung Galaxy S4 (GSM)

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Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:08:42 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:08:42 EDT 2014 Acquisition finished: Fri Aug 29 11:21:43 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

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1.2.35   MDT-07 – Samsung Galaxy S4 (GSM)

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Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader,

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
	proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:25:29 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:25:29 EDT 2014 Acquisition finished: Tue Sep 2 14:11:25 EDT 2014 UICC connectivity was established via supported interface
Results:	**Assertion & Expected Result**	**Actual Result**
	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved

92

93 ## 1.2.36   MDT-08 – Samsung Galaxy S4 (GSM)

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:26:14 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:26:14 EDT 2014 Acquisition finished: Tue Sep 2 14:11:46 EDT 2014 Media acquisition disruption notification was not successful **Notes:** No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.
Results:	**Assertion & Expected Result**	**Actual Result**
	MDT-AO-02 Notification of SIM acquisition disruption.	Not as expected
Analysis:	Expected results not achieved

94 ## 1.2.37   MDT-09 – Samsung Galaxy S4 (GSM)

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Test Date:	Fri Aug 29 11:26:56 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:26:56 EDT 2014 Acquisition finished: Tue Sep 2 14:13:22 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results not achieved

95

96 ## 1.2.38 MDT-10 – Samsung Galaxy S4 (GSM)

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:27:39 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:27:39 EDT 2014 Acquisition finished: Tue Sep 2 14:13:46 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-04 Acquisition f all UICC supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

97 ## 1.2.39   MDT-11 – Samsung Galaxy S4 (GSM)

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:28:13 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:28:13 EDT 2014 Acquisition finished: Tue Sep 2 14:15:47 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
MDT-AO-06 Select-all UICC data objects acquisition.	as expected
MDT-AO-07 Select-individual UICC data objects acquisition.	as expected

Analysis:	Expected results achieved

98

99 ## 1.2.40   MDT-12 – Samsung Galaxy S4 (GSM)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:09:16 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:09:16 EDT 2014 Acquisition finished: Fri Aug 29 11:22:17 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported.
Results:	

Test Case MDT-12 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

100

1.2.41 MDT-13 – Samsung Galaxy S4 (GSM)

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:29:58 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:29:58 EDT 2014 Acquisition finished: Tue Sep 2 14:16:17 EDT 2014 Notification of modified SIM data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported. Tool only gives warning when file size changes.
Results:	

	Assertion & Expected Result	**Actual Result**
	MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

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1.2.42 MDT-14 – Samsung Galaxy S4 (GSM)

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:30:46 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:30:46 EDT 2014 Acquisition finished: Tue Sep 2 14:18:23 EDT 2014 Ability to enter PIN on protected media before acquisition was successful
Results:	

	Assertion & Expected Result	**Actual Result**
	MDT-AO-09 Acquisition of password protected UICC.	as expected

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Analysis:	Expected results achieved

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1.2.43   MDT-15 – Samsung Galaxy S4 (GSM)

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:31:20 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:31:20 EDT 2014 Acquisition finished: Tue Sep 2 14:18:46 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected

Analysis:	Expected results achieved

106

1.2.44   MDT-16 – Samsung Galaxy S4 (GSM)

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Sep 5 14:50:13 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:50:13 EDT 2014 Acquisition finished: Fri Sep 5 15:46:36 EDT 2014 Remaining number of PUK attempts were properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Analysis:	Expected results achieved

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1.2.45   MDT-19 – Samsung Galaxy S4 (GSM)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:09:49 EDT 2014
Device:	SamsungGalaxyS4 GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:09:49 EDT 2014 Acquisition finished: Fri Aug 29 11:23:53 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

110

1.2.46   MDT-20 – Samsung Galaxy S4 (GSM)

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 29 11:32:38 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 29 11:32:38 EDT 2014 Acquisition finished: Tue Sep 2 14:19:07 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

112 ## 1.2.47 MDT-22 – Samsung Galaxy S4 (GSM)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Aug 28 16:10:24 EDT 2014
Device:	SamsungGalaxyS4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Aug 28 16:10:24 EDT 2014 Acquisition finished: Fri Aug 29 11:24:19 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected

Analysis:	Expected results achieved

113

114 ## 1.2.48 MDT-01 – Samsung Galaxy S5 (CDMA)

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 13:44:14 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 13:44:14 EDT 2014 Acquisition finished: Thu Jul 24 13:59:53 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

115 ## 1.2.49 MDT-02- Samsung Galaxy S5 (CDMA)

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
	connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 14:00:38 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 14:00:38 EDT 2014 Acquisition finished: Thu Jul 24 14:19:09 EDT 2014 Device acquisition disruption notification was successful

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

116

1.2.50   MDT-03 – Samsung Galaxy S5 (CDMA)

117

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 14:25:49 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 14:25:49 EDT 2014 Acquisition finished: Fri Jul 25 12:01:52 EDT 2014 Readability and completeness of acquired data was successful

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

118

1.2.51   MDT-04 – Samsung Galaxy S5 (CDMA)

119

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Test Date:	Fri Jul 25 12:02:31 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 25 12:02:31 EDT 2014 Acquisition finished: Fri Jul 25 12:06:12 EDT 2014 MEID/ESN was acquired **Notes:** The MSISDN was not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

121

1.2.52   MDT-05 – Samsung Galaxy S5 (CDMA)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Jul 25 12:08:28 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 25 12:08:28 EDT 2014 Acquisition finished: Fri Jul 25 15:06:19 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired All Internet related data was acquired All Social media related data was acquired **Notes:** Graphic files associated with contact entries were not acquired.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data	Not as

Test Case MDT-05 Access Data MPE+ v5.5.2.60		
	elements in a useable format.	expected
Analysis:	Partial results not achieved	

122

1.2.53   MDT-06 – Samsung Galaxy S5 (CDMA)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Jul 25 15:12:27 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 25 15:12:27 EDT 2014 Acquisition finished: Fri Jul 25 15:51:51 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved	

124

1.2.54   MDT-12 – Samsung Galaxy S5 (CDMA)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Test Date:	Fri Jul 25 15:52:41 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 25 15:52:41 EDT 2014 Acquisition finished: Fri Jul 25 15:58:30 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

126

1.2.55   MDT-19 – Samsung Galaxy S5 (CDMA)

127

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Jul 25 16:04:00 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 25 16:04:00 EDT 2014 Acquisition finished: Fri Jul 25 16:09:51 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

128

1.2.56   MDT-22 – Samsung Galaxy S5 (CDMA)

129

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Test Date:	Fri Jul 25 16:10:40 EDT 2014
Device:	Samsung_GalaxyS5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Jul 25 16:10:40 EDT 2014 Acquisition finished: Fri Jul 25 16:12:39 EDT 2014 Hash values were properly reported for individually acquired device data elements

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected

Analysis:	Expected results achieved

130

1.2.57 MDT-01 – HTC One (CDMA)

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 14:10:44 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 14:10:44 EDT 2014 Acquisition finished: Wed Jul 23 14:14:55 EDT 2014 Device connectivity was established via supported interface

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

132

1.2.58 MDT-02 – HTC One (CDMA)

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 14:15:45 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 14:15:45 EDT 2014 Acquisition finished: Wed Jul 23 14:24:10 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

134

1.2.59 MDT-03 – HTC One (CDMA)

135

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 14:24:49 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 14:24:49 EDT 2014 Acquisition finished: Wed Jul 23 14:56:22 EDT 2014 Readability and completeness of acquired data was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

136

1.2.60 MDT-04 – HTC One (CDMA)

137

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 15:06:37 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 15:06:37 EDT 2014 Acquisition finished: Wed Jul 23 15:06:53 EDT 2014

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
	MEID/ESN was acquired **Notes:** The MSISDN was not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

138

139 ## 1.2.61 MDT-05 – HTC One (CDMA)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 23 15:09:36 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 23 15:09:36 EDT 2014 Acquisition finished: Wed Jul 23 16:23:57 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported Audio MMS messages were not acquired Image MMS messages were not acquired Video MMS messages were not acquired Audio files were not acquired Image files were acquired Video files were acquired Application data was not acquired All Internet related data was acquired All Social media related data was acquired **Notes:** Graphic files associated with contact entries were not acquired.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

140 ## 1.2.62   MDT-06 – HTC One (CDMA)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 10:20:11 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 10:20:11 EDT 2014 Acquisition finished: Thu Jul 24 10:20:27 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td><td>as expected</td></tr><tr><td>MDT-CA-07 Select-all mobile device data objects acquisition.</td><td>as expected</td></tr><tr><td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td><td>as expected</td></tr><tr><td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

141

142 ## 1.2.63   MDT-12 – HTC One (CDMA)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 10:28:57 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 10:28:57 EDT 2014 Acquisition finished: Thu Jul 24 10:46:45 EDT 2014

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
	Notification of modified device memory data was successful **Notes:** Case data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

143

1.2.64   MDT-19 – HTC One (CDMA)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 11:03:36 EDT 2014
Device:	HTOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 11:03:36 EDT 2014 Acquisition finished: Thu Jul 24 11:06:14 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

145

1.2.65   MDT-22 – HTC One (CDMA)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 24 11:07:34 EDT 2014
Device:	HTCOne_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 24 11:07:34 EDT 2014 Acquisition finished: Thu Jul 24 11:10:22 EDT 2014 Hash values were properly reported for individually acquired device data

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
	elements
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected

Analysis:	Expected results achieved

147

148   **1.2.66**   **MDT-01 – HTC One (GSM)**

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 10:57:21 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 10:57:21 EDT 2014 Acquisition finished: Tue Aug 26 15:52:13 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

149

150   **1.2.67**   **MDT-02 – HTC One (GSM)**

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:00:03 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:00:03 EDT 2014 Acquisition finished: Tue Aug 26 15:52:42 EDT 2014 Device acquisition disruption notification was successful
Results:	

Test Case MDT-02 Access Data MPE+ v5.5.2.60

	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

151

1.2.68   MDT-03 – HTC One (GSM)

Test Case MDT-03 Access Data MPE+ v5.5.2.60

Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:00:40 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:00:40 EDT 2014 Acquisition finished: Tue Aug 26 15:53:09 EDT 2014 Readability and completeness of acquired data was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

153

1.2.69   MDT-04 – HTC One (GSM)

Test Case MDT-04 Access Data MPE+ v5.5.2.60

Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:01:17 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:01:17 EDT 2014 Acquisition finished: Wed Aug 27 15:07:48 EDT 2014 IMEI was acquired **Notes:** The MSISDN was not reported.
Results:	

Test Case MDT-04 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Analysis:	Partial results achieved	

155

1.2.70 MDT-05 – HTC One (GSM)

156

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:01:52 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:01:52 EDT 2014 Acquisition finished: Wed Aug 27 15:08:23 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired Audio files were not acquired Image files were acquired Video files were acquired Application data was not acquired All Internet related data was acquired All Social media related data was acquired **Notes:** Graphic files associated with contact entries were not acquired.

Results:			
	Assertion & Expected Result		Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		Not as expected
Analysis:	Partial results achieved		

157

1.2.71 MDT-06 – HTC One (GSM)

158

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:02:26 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:02:26 EDT 2014 Acquisition finished: Wed Aug 27 15:13:05 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td><td>as expected</td></tr><tr><td>MDT-CA-07 Select-all mobile device data objects acquisition.</td><td>as expected</td></tr><tr><td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td><td>as expected</td></tr><tr><td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

159

1.2.72   MDT-07 – HTC One (GSM)

160

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:18:06 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:18:06 EDT 2014 Acquisition finished: Thu Aug 28 14:05:23 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-01 UICC connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

161

1.2.73   MDT-08 – HTC One (GSM)

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:18:41 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:18:41 EDT 2014 Acquisition finished: Thu Aug 28 14:05:49 EDT 2014 Media acquisition disruption notification was not successful **Notes**: No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-02 Notification of SIM acquisition disruption.	Not as expected

Analysis:	Expected results not achieved

163

1.2.74   MDT-09 – HTC One (GSM)

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:19:16 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:19:16 EDT 2014 Acquisition finished: Thu Aug 28 14:09:15 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired

Test Case MDT-09 Access Data MPE+ v5.5.2.60		
Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	Not as expected
Analysis:	Partial results achieved	

165

1.2.75   MDT-10 – HTC One (GSM)

166

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:19:48 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:19:48 EDT 2014 Acquisition finished: Thu Aug 28 14:09:46 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	Not as expected
Analysis:	Partial results achieved	

167

1.2.76   MDT-11 – HTC One (GSM)

168

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
	acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:20:22 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:20:22 EDT 2014 Acquisition finished: Thu Aug 28 14:13:00 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected
	MDT-AO-07 Select-individual UICC data objects acquisition.	as expected

Analysis:	Expected results achieved

169

170   1.2.77   MDT-12 – HTC One (GSM)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:03:00 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:03:00 EDT 2014 Acquisition finished: Wed Aug 27 15:13:43 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported.

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

171

172 ## 1.2.78   MDT-13 – HTC One (GSM)

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:20:51 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:20:51 EDT 2014 Acquisition finished: Thu Aug 28 14:13:35 EDT 2014 Notification of modified SIM data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported. Tool only gives warning when file size changes.
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-08 Notification of modified device case data.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

173

174 ## 1.2.79   MDT-14 – HTC One (GSM)

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:21:25 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:21:25 EDT 2014 Acquisition finished: Thu Aug 28 14:15:30 EDT 2014 Ability to enter PIN on protected media before acquisition was successful
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-09 Acquisition of password protected UICC.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

175

176 ## 1.2.80   MDT-15 – HTC One (GSM)

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Summary:	provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:21:57 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:21:57 EDT 2014 Acquisition finished: Thu Aug 28 14:15:53 EDT 2014 The remaining number of PIN attempts were properly displayed

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected

Analysis:	Expected results achieved

177

1.2.81   MDT-16 – HTC One (GSM)

178

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Sep 5 14:44:55 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:44:55 EDT 2014 Acquisition finished: Fri Sep 5 15:44:52 EDT 2014 Remaining number of PUK attempts were properly displayed

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected

Analysis:	Expected results achieved

179

1.2.82   MDT-19 – HTC One (GSM)

180

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case	MDT-19 Acquire mobile device internal memory and review data containing

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Summary:	non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:03:31 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:03:31 EDT 2014 Acquisition finished: Wed Aug 27 15:15:30 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

181

1.2.83   MDT-20 – HTC One (GSM)

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Aug 27 15:23:01 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Aug 27 15:23:01 EDT 2014 Acquisition finished: Thu Aug 28 14:16:23 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

183

1.2.84   MDT-22 – HTC One (GSM)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
	value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Aug 26 11:04:02 EDT 2014
Device:	HTCOne_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Aug 26 11:04:02 EDT 2014 Acquisition finished: Wed Aug 27 15:16:05 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected

Analysis:	Expected results achieved

185

1.2.85   MDT-01 – iPad (CDMA)

186

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 11:22:32 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 11:22:32 EDT 2014 Acquisition finished: Thu Jul 17 11:33:11 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

187

1.2.86   MDT-02 – iPad (CDMA)

188

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Test Date:	Thu Jul 17 11:33:46 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 11:33:46 EDT 2014 Acquisition finished: Thu Jul 17 11:36:54 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

189

1.2.87 MDT-03 – iPad (CDMA)

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 11:37:41 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 11:37:41 EDT 2014 Acquisition finished: Thu Jul 17 13:22:51 EDT 2014 Readability and completeness of acquired data was not successful **Notes:** When generating report (.pdf file format) stand-alone data files were not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected

Analysis:	Partial results achieved

191

1.2.88 MDT-04 – iPad (CDMA)

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Test Date:	Thu Jul 17 13:23:32 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 13:23:32 EDT 2014 Acquisition finished: Thu Jul 17 13:58:14 EDT 2014 IMEI was acquired **Notes:** MEID not reported, tool says not applicable. Model Number reported doesn't match the model number displayed on the tablet.
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

193

194 ## 1.2.89 MDT-05 – iPad (CDMA)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 14:09:44 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 14:09:44 EDT 2014 Acquisition finished: Thu Jul 17 14:25:56 EDT 2014 All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired **Notes:** Active contact entry with long name was partially acquired. Only the first name and very last name were acquired, everything in between was not acquired. Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired.

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
	When a case file (AD1) is re-opened calendar entries are not present. Screenshots were reported for Twitter and LinkedIn conversations only. Graphic files from LinkedIn were acquired.

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

195

1.2.90 MDT-06 – iPad (CDMA)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 14:29:28 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 14:29:28 EDT 2014 Acquisition finished: Thu Jul 17 14:39:49 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

197
198

199   ## 1.2.91   MDT-12 – iPad (CDMA)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 14:40:36 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 14:40:36 EDT 2014 Acquisition finished: Thu Jul 17 14:46:11 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported.
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>MDT-AO-08 Notification of modified device case data.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

200

201   ## 1.2.92   MDT-19 – iPad (CDMA)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 14:49:28 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 14:49:28 EDT 2014 Acquisition finished: Thu Jul 17 14:54:04 EDT 2014 Non-ASCII Address book entries were acquired but not properly displayed Non-ASCII text messages were acquired and properly displayed **Notes:** Non-ASCII characters displayed in different order for address book entries.
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

202

203   ## 1.2.93   MDT-22 – iPad (CDMA)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 14:57:10 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 14:57:10 EDT 2014 Acquisition finished: Thu Jul 17 15:05:36 EDT 2014 Hash values were properly reported for individually acquired device data elements **Notes:** Hashes were not reported in preview pane but they were included in the exported (.pdf file format) report.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	Not as expected

| Analysis: | Partial results achieved |

204

205   ## 1.2.94   MDT-24 – iPad (CDMA)

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 15:09:00 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 15:09:00 EDT 2014 Acquisition finished: Thu Jul 17 15:13:17 EDT 2014 GPS Coordinate data was successfully acquired **Notes:** GPS latitude and longitude were not reported, but the physical address and a map screenshot of the place were reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Analysis:	Partial results achieved

206

1.2.95   MDT-01 – iPad (GSM)

207

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 28 15:11:14 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 28 15:11:14 EDT 2014 Acquisition finished: Mon Jul 28 15:19:53 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

208

1.2.96   MDT-02 – iPad (GSM)

209

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 28 15:20:37 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 28 15:20:37 EDT 2014 Acquisition finished: Mon Jul 28 15:34:33 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

210

211

212 ## 1.2.97   MDT-03 – iPad (GSM)

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 28 15:35:07 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 28 15:35:07 EDT 2014 Acquisition finished: Mon Jul 28 16:29:27 EDT 2014 Readability and completeness of acquired data was successful **Notes:** When generating report (.pdf file format), stand-alone data files were not reported.

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected

Analysis:	Partial results achieved

213

214 ## 1.2.98   MDT-04 – iPad (GSM)

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 29 09:43:30 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 29 09:43:30 EDT 2014 Acquisition finished: Tue Jul 29 09:49:37 EDT 2014 IMEI was acquired **Notes:** MEID not reported, tool says not applicable. Model Number reported doesn't match the model number displayed on the tablet.

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Analysis:	Partial results achieved

215

1.2.99   MDT-05 – iPad (GSM)

216

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 29 09:51:25 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 29 09:51:25 EDT 2014 Acquisition finished: Tue Jul 29 11:50:16 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired All Internet related data was acquired Partial Social media related data was acquired **Notes:** Active contact entry with long name was partially acquired. Only the first name and very last name was acquired, everything in between was not acquired. Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired. When a case file (AD1) is re-opened calendar entries are not present. Screenshots were reported for Twitter conversations only.
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

217

1.2.100   MDT-06 – iPad (GSM)

218

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
	Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 29 11:53:49 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 29 11:53:49 EDT 2014 Acquisition finished: Tue Jul 29 15:26:53 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

219

220   1.2.101   MDT-07 – iPad (GSM)

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 29 15:27:56 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 29 15:27:56 EDT 2014 Acquisition finished: Tue Jul 29 16:24:32 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-01 UICC connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

221

1.2.102   MDT-08 – iPad (GSM)

222

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 29 16:25:20 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 29 16:25:20 EDT 2014 Acquisition finished: Tue Jul 29 16:33:54 EDT 2014 Media acquisition disruption notification was not successful **Notes:** No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-02 Notification of SIM acquisition disruption.	Not as expected

Analysis:	Expected results not achieved

223

1.2.103   MDT-09 – iPad (GSM)

224

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 09:21:59 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 09:21:59 EDT 2014 Acquisition finished: Wed Jul 30 09:27:47 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired
Results:	

Test Case MDT-09 Access Data MPE+ v5.5.2.60	

	Assertion & Expected Result	Actual Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	Not as expected
Analysis:	Partial results achieved	

225   1.2.104   MDT-10 – iPad (GSM)

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 09:28:23 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 09:28:23 EDT 2014 Acquisition finished: Wed Jul 30 09:41:12 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.

Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-04 Acquisition of all UICC supported data elements in a us able format.	Not as expected
Analysis:	Partial results achieved	

226

227   1.2.105   MDT-11 – iPad (GSM)

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 09:52:48 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 09:52:48 EDT 2014 Acquisition finished: Wed Jul 30 10:02:14 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
MDT-AO-06 Select-all UICC data objects acquisition.	as expected
MDT-AO-07 Select-individual UICC data objects acquisition.	as expected

Analysis:	Expected results achieved

228

1.2.106   MDT-12 – iPad (GSM)

229

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 10:02:59 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 10:02:59 EDT 2014 Acquisition finished: Wed Jul 30 10:11:57 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

230

1.2.107   MDT-13 – iPad (GSM)

231

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
	third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 10:15:04 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 10:15:04 EDT 2014 Acquisition finished: Wed Jul 30 10:21:19 EDT 2014 Notification of modified SIM data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported. Tool only gives warning when file size changes.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

232

1.2.108   MDT-14 – iPad (GSM)

233

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 15:05:16 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 15:05:16 EDT 2014 Acquisition finished: Wed Jul 30 15:13:00 EDT 2014 Ability to enter PIN on protected media before acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-09 Acquisition of password protected UICC.	as expected

Analysis:	Expected results achieved

234

1.2.109   MDT-15 – iPad (GSM)

235

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 15:13:34 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 15:13:34 EDT 2014 Acquisition finished: Wed Jul 30 16:26:25 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected

Analysis:	Expected results achieved

236

1.2.110   MDT-16 – iPad (GSM)

237

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Sep 5 14:31:02 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:31:02 EDT 2014 Acquisition finished: Fri Sep 5 15:15:52 EDT 2014 Remaining number of PUK attempts were properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected

Analysis:	Expected results achieved

238

1.2.111   MDT-19 – iPad (GSM)

239

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 16:27:14 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 16:27:14 EDT 2014 Acquisition finished: Wed Jul 30 16:29:58 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

240

1.2.112   MDT-20 – iPad (GSM)

241

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 30 16:33:52 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 30 16:33:52 EDT 2014 Acquisition finished: Wed Jul 30 16:35:46 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected

Analysis:	Expected results achieved

242

1.2.113   MDT-22 – iPad (GSM)

243

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Test Date:	Thu Jul 31 10:13:27 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 10:13:27 EDT 2014 Acquisition finished: Thu Jul 31 10:25:21 EDT 2014 Hash values were properly reported for individually acquired device data elements **Notes:** Hashes were not reported in preview pane but they were included in the exported (.pdf file format) report.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	Not as expected

Analysis:	Partial results achieved

244

1.2.114   MDT-24 – iPad (GSM)

245

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 10:34:10 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 10:34:10 EDT 2014 Acquisition finished: Thu Jul 31 11:02:11 EDT 2014 GPS Coordinate data was successfully acquired
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected

Analysis:	Expected results achieved

1.2.115   MDT-01 – iPad Mini (GSM)

246

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Test Host:	pN100919
Test Date:	Wed Sep 3 14:43:22 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:43:22 EDT 2014 Acquisition finished: Thu Sep 4 13:37:12 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

247

1.2.116   MDT-02 – iPad Mini (GSM)

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:43:53 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:43:53 EDT 2014 Acquisition finished: Thu Sep 4 13:37:46 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

249

1.2.117   MDT-03 – iPad Mini (GSM)

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:44:27 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:44:27 EDT 2014 Acquisition finished: Thu Sep 4 13:40:26 EDT 2014 Readability and completeness of acquired data was not successful **Notes:** When generating report (.pdf file format), stand-alone data files were not reported.

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected

Analysis:	Partial results achieved

251

1.2.118   MDT-04 – iPad Mini (GSM)

252

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:44:58 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:44:58 EDT 2014 Acquisition finished: Thu Sep 4 13:41:14 EDT 2014 IMEI was acquired **Notes:** MEID not reported, tool says not applicable. Model Number reported doesn't match the model number displayed on the tablet.

Results:	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

253

1.2.119   MDT-05 – iPad Mini (GSM)

254

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:45:27 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:45:27 EDT 2014 Acquisition finished: Thu Sep 4 13:41:55 EDT 2014 All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired Partial Internet related data was acquired Partial Social media related data was acquired **Notes:** Active contact entry with long name was partially acquired. Only the first name and very last name was acquired, everything in between was not acquired. Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired. Browser history partially acquired. When a case file (AD1) is re-opened calendar entries are not present. Screenshots were reported for Twitter conversations only.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

255

256 ## 1.2.120   MDT-06 – iPad Mini (GSM)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:45:57 EDT 2014
Device:	iPadMini_GSM
Source	OS: WIN 7 v6.1.7601

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Setup:	Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:45:57 EDT 2014 Acquisition finished: Thu Sep 4 13:45:45 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

257 ## 1.2.121   MDT-07 – iPad Mini (GSM)

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:48:10 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:48:10 EDT 2014 Acquisition finished: Thu Sep 4 13:52:37 EDT 2014 UICC connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-01 UICC connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

258

259 ## 1.2.122   MDT-08 – iPad Mini (GSM)

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Test Host:	pN100919
Test Date:	Wed Sep 3 14:48:46 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:48:46 EDT 2014 Acquisition finished: Thu Sep 4 13:53:09 EDT 2014 Media acquisition disruption notification was not successful **Notes:** No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.
Results:	**Assertion & Expected Result** **Actual Result** MDT-AO-02 Notification of SIM acquisition disruption. Not as expected
Analysis:	Expected results not achieved

260

1.2.123   MDT-09 – iPad Mini (GSM)

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:49:17 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:49:17 EDT 2014 Acquisition finished: Thu Sep 4 13:53:39 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired
Results:	**Assertion & Expected Result** **Actual Result** MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format. Not as expected
Analysis:	Partial results achieved

262

1.2.124   MDT-10 – iPad Mini (GSM)

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:50:16 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:50:16 EDT 2014 Acquisition finished: Thu Sep 4 13:54:04 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

264

1.2.125   MDT-11 – iPad Mini (GSM)

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:50:50 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:50:50 EDT 2014 Acquisition finished: Thu Sep 4 13:55:44 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Test Case MDT-11 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	Actual Result
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected
	MDT-AO-07 Select-individual UICC data objects acquisition.	as expected
Analysis:	Expected results achieved	

266

1.2.126   MDT-12 – iPad Mini (GSM)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:46:27 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:46:27 EDT 2014 Acquisition finished: Thu Sep 4 13:46:15 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported. Calendar entries were not reported when re-opening a saved case file (AD1 image).
Results:	

	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

268

1.2.127   MDT-13 – iPad Mini (GSM)

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:51:23 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:51:23 EDT 2014 Acquisition finished: Thu Sep 4 13:56:20 EDT 2014 Notification of modified SIM data was successful

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
	Notes: Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported. Tool only gives warning when file size changes
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

270   1.2.128   MDT-14 – iPad Mini (GSM)

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:51:50 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:51:50 EDT 2014 Acquisition finished: Thu Sep 4 13:57:45 EDT 2014 Ability to enter PIN on protected media before acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-09 Acquisition of password protected UICC.	as expected

Analysis:	Expected results achieved

271

272   1.2.129   MDT-15 – iPad Mini (GSM)

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:52:15 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:52:15 EDT 2014 Acquisition finished: Thu Sep 4 13:58:07 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	

Test Case MDT-15 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

273

1.2.130   MDT-16 – iPad Mini (GSM)

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Sep 5 14:54:33 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:54:33 EDT 2014 Acquisition finished: Fri Sep 5 15:48:51 EDT 2014 Remaining number of PUK attempts were properly displayed
Results:	

	Assertion & Expected Result	**Actual Result**
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected

Analysis:	Expected results achieved

275

1.2.131   MDT-19 – iPad Mini (GSM)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:46:55 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:46:55 EDT 2014 Acquisition finished: Thu Sep 4 13:50:14 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Test Case MDT-19 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

277

1.2.132 MDT-20 – iPad Mini (GSM)

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:52:40 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:52:40 EDT 2014 Acquisition finished: Thu Sep 4 13:58:30 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

279

1.2.133 MDT-22 – iPad Mini (GSM)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 14:47:33 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 14:47:33 EDT 2014 Acquisition finished: Thu Sep 4 13:50:36 EDT 2014 Hash values were properly reported for individually acquired device data elements **Notes:** Hashes were not reported in preview pane but they were included in the exported (.pdf file format) report.

Test Case MDT-22 Access Data MPE+ v5.5.2.60	

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	Not as expected
Analysis:	Partial results achieved	

281

1.2.134   MDT-24 – iPad Mini (GSM)

282

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 15:01:21 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 15:01:21 EDT 2014 Acquisition finished: Thu Sep 4 13:52:17 EDT 2014 GPS Coordinate data was successfully acquired

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

283

1.2.135   MDT-01 – iPad Mini (CDMA)

284

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 15 13:26:40 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 15 13:26:40 EDT 2014 Acquisition finished: Tue Jul 15 13:29:52 EDT 2014 Device connectivity was established via supported interface

Results:		
	Assertion & Expected Result	**Actual Result**

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved

285

1.2.136 MDT-02 – iPad Mini (CDMA)

286

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 15 13:30:38 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 15 13:30:38 EDT 2014 Acquisition finished: Tue Jul 15 13:48:45 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

287

1.2.137 MDT-03 – iPad Mini (CDMA)

288

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 15 15:28:11 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 15 15:28:11 EDT 2014 Acquisition finished: Thu Jul 15 15:36:22 EDT 2014 Readability and completeness of acquired data was successful **Notes:** When saving report in .pdf format the active stand-alone data files were not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data	Not as

Test Case MDT-03 Access Data MPE+ v5.5.2.60		
	via supported reports.	expected
Analysis:	Partial results achieved	

289

1.2.138   MDT-04 – iPad Mini (CDMA)

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 17 16:00:12 EDT 2014
Device:	iPad_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 17 16:00:12 EDT 2014 Acquisition finished: Thu Jul 17 16:00:28 EDT 2014 IMEI was acquired **Notes:** MEID not reported, says not applicable. Model Number reported doesn't match the model number displyed on the tablet. ICCID was not reported.
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

291

1.2.139   MDT-05 – iPad Mini (CDMA)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 15 16:38:40 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 15 16:38:40 EDT 2014 Acquisition finished: Tue Jul 15 16:52:42 EDT 2014

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
	All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired **Notes:** Active contact entry with long name was partially acquired. Only the first name and very last name was acquired, everything in between was not acquired. Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired. When a case file (AD1) is re-opened calendar entries are not present. Screenshots were reported for Twitter, Facebook and LinkedIn conversations. Graphic files from LinkedIn were acquired.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

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294 **1.2.140   MDT-06 – iPad Mini (CDMA)**

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 16 09:40:53 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 16 09:40:53 EDT 2014 Acquisition finished: Wed Jul 16 10:00:22 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Test Case MDT-06 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

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1.2.141   MDT-12 – iPad Mini (CDMA)

296

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 16 10:02:11 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 16 10:02:11 EDT 2014 Acquisition finished: Wed Jul 16 10:25:17 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported.
Results:	

	Assertion & Expected Result	**Actual Result**
	MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

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1.2.142   MDT-19 – iPad Mini (CDMA)

298

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 16 10:31:49 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 16 10:31:49 EDT 2014 Acquisition finished: Wed Jul 16 10:46:32 EDT 2014

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
	Non-ASCII Address book entries were acquired but not properly displayed Non-ASCII text messages were acquired and properly displayed **Notes:** Non-ASCII characters displayed in different order for address book entries.
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

299

1.2.143   MDT-22 – iPad Mini (CDMA)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 16 15:47:23 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 16 15:47:23 EDT 2014 Acquisition finished: Wed Jul 16 16:09:01 EDT 2014 Hash values were properly reported for individually acquired device data elements **Notes:** Hashes were not reported in preview pane but they were included in the exported (.pdf file format) report.
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

301

1.2.144   MDT-24 – iPad Mini (CDMA)

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 16 16:14:36 EDT 2014
Device:	iPadMini_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 16 16:14:36 EDT 2014 Acquisition finished: Wed Jul 16 16:38:46 EDT 2014 GPS Coordinate data was successfully acquired **Notes:** GPS latitude and longitude were not reported, but the physical address and a map screenshot of the place were reported.
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

303

1.2.145   MDT-01 – iPhone 5 (GSM)

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:26:16 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:26:16 EDT 2014 Acquisition finished: Thu Jul 31 16:39:24 EDT 2014 Device connectivity was established via supported interface
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

305

1.2.146   MDT-02 – iPhone 5 (GSM)

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:26:57 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:26:57 EDT 2014 Acquisition finished: Thu Jul 31 16:40:09 EDT 2014 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

307

1.2.147   MDT-03 – iPhone 5 (GSM)

308

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:27:27 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:27:27 EDT 2014 Acquisition finished: Thu Jul 31 16:40:36 EDT 2014 Readability and completeness of acquired data was successful **Notes:** When generating report (.pdf file format), stand-alone data files were not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected

Analysis:	Partial results achieved

309

1.2.148   MDT-04 – iPhone 5 (GSM)

310

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:27:59 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:27:59 EDT 2014 Acquisition finished: Thu Jul 31 16:43:52 EDT 2014 IMEI was acquired **Notes:** The MSISDN was not reported. Model Number reported doesn't match the model number displayed on the tablet.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

311

1.2.149   MDT-05 – iPhone 5 (GSM)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:28:34 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:28:34 EDT 2014 Acquisition finished: Thu Jul 31 16:45:52 EDT 2014 All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired All Internet related data was acquired Partial Social media related data was acquired **Notes:** Active contact entry with long name was partially acquired. Only the first name and very last name was acquired, everything in between was not acquired. Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired. When a case file (AD1) is re-opened calendar entries are not present. Screenshots were reported for Twitter conversations only.

Test Case MDT-05 Access Data MPE+ v5.5.2.60		
Results:	**Assertion & Expected Result**	**Actual Result**
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Analysis:	Partial results achieved	

313

1.2.150   MDT-06- iPhone 5 (GSM)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:29:06 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:29:06 EDT 2014 Acquisition finished: Thu Jul 31 16:54:06 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

	Assertion & Expected Result	**Actual Result**
Results:	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
	MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

315

1.2.151   MDT-07 – iPhone 5 (GSM)

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize

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316

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
	the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:04:37 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:04:37 EDT 2014 Acquisition finished: Fri Aug 1 11:03:34 EDT 2014 UICC connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-01 UICC connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

317

1.2.152   MDT-08 – iPhone 5 (GSM)

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:05:25 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:05:25 EDT 2014 Acquisition finished: Fri Aug 1 11:05:01 EDT 2014 Media acquisition disruption notification was not successful **Notes:** No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-02 Notification of SIM acquisition disruption.	Not as expected

Analysis:	Expected results not achieved

319
320

1.2.153   MDT-09 – iPhone 5 (GSM)

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:06:07 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:06:07 EDT 2014 Acquisition finished: Fri Aug 1 11:06:18 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results not achieved

322

323 ## 1.2.154   MDT-10 – iPhone 5 (GSM)

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:06:55 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:06:55 EDT 2014 Acquisition finished: Fri Aug 1 11:06:44 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.
Results:	

Assertion Expected Result	Actual Result
MDT AO-04 Acquisition of all UICC supported data elements in a useable format.	Not as expected

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Analysis:	Partial results achieved

324

1.2.155   MDT-11 – iPhone 5 (GSM)

325

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:07:38 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:07:38 EDT 2014 Acquisition finished: Fri Aug 1 11:08:13 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful

Results:		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected
	MDT-AO-07 Select-individual UICC data objects acquisition.	as expected

Analysis:	Expected results achieved

326

1.2.156   MDT-12 – iPhone 5 (GSM)

327

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:29:36 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:29:36 EDT 2014 Acquisition finished: Thu Jul 31 16:54:46 EDT 2014 Notification of modified device memory data was successful

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
	Notes: Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

328

1.2.157   MDT-13 – iPhone 5 (GSM)

329

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:08:54 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:08:54 EDT 2014 Acquisition finished: Fri Aug 1 11:08:50 EDT 2014 Notification of modified SIM data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

330

1.2.158   MDT-14 – iPhone 5 (GSM)

331

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:09:43 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:09:43 EDT 2014 Acquisition finished: Fri Aug 1 11:10:15 EDT 2014 Ability to enter PIN on protected media before acquisition was successful

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-09 Acquisition of password protected UICC.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

332

1.2.159 MDT-15 – iPhone 5 (GSM)

333

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:10:19 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:10:19 EDT 2014 Acquisition finished: Fri Aug 1 11:10:38 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

334

1.2.160 MDT-16 – iPhone 5 (GSM)

335

Test Case MDT-16 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Sep 5 14:34:14 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:34:14 EDT 2014 Acquisition finished: Fri Sep 5 15:36:06 EDT 2014 Remaining number of PUK attempts were properly displayed
Results:	

Test Case MDT-16 Access Data MPE+ v5.5.2.60		
	Assertion & Expected Result	**Actual Result**
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

336

1.2.161   MDT-19 – iPhone 5 (GSM)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:30:10 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:30:10 EDT 2014 Acquisition finished: Thu Jul 31 16:59:03 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed

	Assertion & Expected Result	Actual Result
Results:	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

338

1.2.162   MDT-20 – iPhone 5 (GSM)

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Fri Aug 1 09:13:41 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Aug 1 09:13:41 EDT 2014 Acquisition finished: Fri Aug 1 11:11:05 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed

	Assertion & Expected Result	Actual Result
Results:		

Test Case MDT-20 Access Data MPE+ v5.5.2.60		
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

340

1.2.163   MDT-22 – iPhone 5 (GSM)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:30:43 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:30:43 EDT 2014 Acquisition finished: Thu Jul 31 17:00:00 EDT 2014 Hash values were properly reported for individually acquired device data elements **Notes:** Hashes were not reported in preview pane but they were included in the exported (.pdf file format) report.
Results:	<table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td><td>Not as expected</td></tr></table>
Analysis:	Partial results achieved

342

1.2.164   MDT-24 – iPhone 5 (GSM)

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 31 11:31:31 EDT 2014
Device:	iPhone5_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 31 11:31:31 EDT 2014 Acquisition finished: Thu Jul 31 17:00:34 EDT 2014 GPS Coordinate data was successfully acquired **Notes:**

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
	GPS latitude and longitude were not reported, only the physical address of the place was reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected

Analysis:	Expected results achieved

344

345

1.2.165   MDT-01 – iPhone 5S (CDMA)

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 1 15:55:13 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 1 15:55:13 EDT 2014 Acquisition finished: Tue Jul 1 16:01:58 EDT 2014 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-01 Device connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

347

1.2.166   MDT-02 – iPhone 5S (CDMA)

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Jul 1 16:03:07 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Jul 1 16:03:07 EDT 2014 Acquisition finished: Tue Jul 1 16:07:08 EDT 2014 Device acquisition disruption notification was successful

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-02 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

349

1.2.167   MDT-03 – iPhone 5S (CDMA)

350

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Jul 2 10:09:56 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Jul 2 10:09:56 EDT 2014 Acquisition finished: Wed Jul 2 14:51:40 EDT 2014 Readability and completeness of acquired data was successful **Notes:** Graphic images associated with contact entries were not displayed in the report (HTML format) when performing a logical extraction. When saving report in .pdf and .html formats the active stand-alone data files were not reported. Only the location of the graphic images sent/received via MMS messages was displayed in the HTML report. In PDF format these were displayed.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected

Analysis:	Partial results achieved

351

1.2.168   MDT-04 – iPhone 5S (CDMA)

352

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 7 14:22:23 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 7 14:22:23 EDT 2014

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
	Acquisition finished: Mon Jul 7 14:49:54 EDT 2014 IMEI was acquired **Notes:** <u>Tool</u> has iPhone 6, 1 as the device internal name. The MSISDN was not reported. MEID not reported, says not applicable. Model number reported doesn't match the model number displayed on the phone.

Results:	

Assertion & Expected Result	Actual Result
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

353

354 ## 1.2.169   MDT-05 – iPhone 5S (CDMA)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 7 14:56:57 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 7 14:56:57 EDT 2014 Acquisition finished: Wed Jul 9 14:41:57 EDT 2014 All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Partial status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired All Internet related data was acquired Partial Social media related data was acquired **Notes:** Active contact entry with long name was partially acquired. Only the first name and very last name was acquired, everything in between was not acquired. Active contact entry with regular name containing a middle name was partially acquired. Middle name was not acquired. Active incoming calls status flags were incorrectly reported as missed. When a case file (AD1) is re-opened calendar entries are not present.

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results not achieved

355

1.2.170   MDT-06 – iPhone 5S (CDMA)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Thu Jul 10 09:49:47 EDT 2014
Device:	iPhone5_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Thu Jul 10 09:49:47 EDT 2014 Acquisition finished: Thu Jul 10 14:44:39 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

357

1.2.171   MDT-12 – iPhone 5S (CDMA)

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms

Test Case MDT-12 Access Data MPE+ v5.5.2.60	
	disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 14 13:54:18 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 14 13:54:18 EDT 2014 Acquisition finished: Mon Jul 14 14:26:32 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the case is re-opened the original data is reported.
Results:	**Assertion & Expected Result** / **Actual Result** MDT-AO-08 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

359

1.2.172   MDT-19 – iPhone 5S (CDMA)

Test Case MDT-19 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 14 13:47:04 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 14 13:47:04 EDT 2014 Acquisition finished: Mon Jul 14 13:53:23 EDT 2014 Non-ASCII Address book entries were acquired but not properly displayed Non-ASCII text messages were acquired and properly displayed **Notes:** Non-ASCII characters displayed in different order for address book entries.
Results:	**Assertion & Expected Result** / **Actual Result** MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format. / Not as expected
Analysis:	Partial results achieved

361

1.2.173   MDT-22 – iPhone 5S (CDMA)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 14 14:29:41 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 14 14:29:41 EDT 2014 Acquisition finished: Mon Jul 14 14:56:44 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-15 Hash values for individual data and case presented in a useable format.	Not as expected

Analysis:	Partial results achieved

363

1.2.174   MDT-24 – iPhone 5S (CDMA)

Test Case MDT-24 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Mon Jul 14 14:58:01 EDT 2014
Device:	iPhone5S_CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Mon Jul 14 14:58:01 EDT 2014 Acquisition finished: Mon Jul 14 15:51:44 EDT 2014 GPS Coordinate data was successfully acquired **Notes:** GPS latitude and longitude were not reported, but the physical address and a map screenshot of the place were reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected

Analysis:	Expected results achieved

365

366

367

1.2.175 MDT-01 – Nexus 4 (GSM)

368

Test Case MDT-01 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:22:23 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:22:23 EDT 2014 Acquisition finished: Tue Sep 2 15:14:58 EDT 2014 Device Connectivity was not established via supported interface
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

369

1.2.176 MDT-02 – Nexus 4 (GSM)

370

Test Case MDT-02 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:22:48 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:22:48 EDT 2014 Acquisition finished: Tue Sep 2 15:15:31 EDT 2014 Device acquisition disruption notification was successful
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-CA-02 Notification of device acquisition disruption.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

371

1.2.177 MDT-03 – Nexus 4 (GSM)

372

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or

Test Case MDT-03 Access Data MPE+ v5.5.2.60	
	generated report.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:23:25 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:23:25 EDT 2014 Acquisition finished: Tue Sep 2 15:17:23 EDT 2014 Readability and completeness of acquired data was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

373

1.2.178   MDT-04 – Nexus 4 (GSM)

Test Case MDT-04 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:23:55 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:23:55 EDT 2014 Acquisition finished: Tue Sep 2 15:17:47 EDT 2014 IMEI was acquired **Notes**: The MSISDN was not reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

375

1.2.179   MDT-05 – Nexus 4 (GSM)

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks,

Test Case MDT-05 Access Data MPE+ v5.5.2.60	
	visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:24:24 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:24:24 EDT 2014 Acquisition finished: Tue Sep 2 15:20:17 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired Application data was not acquired Partial Internet related data was acquired All Social media related data was acquired **Notes:** Graphic files associated with contact entries were not acquired. Internet related data (bookmarks) partially reported.
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

377

378 ## 1.2.180   MDT-06 – Nexus 4 (GSM)

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:24:51 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable

Test Case MDT-06 Access Data MPE+ v5.5.2.60	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:24:51 EDT 2014 Acquisition finished: Tue Sep 2 15:26:04 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
MDT-CA-07 Select-all mobile device data objects acquisition.	as expected
MDT-CA-08 Select-individual mobile device data objects acquisition.	as expected
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

379

1.2.181 MDT-07 – Nexus 4 (GSM)

380

Test Case MDT-07 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 15:30:25 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 15:30:25 EDT 2014 Acquisition finished: Wed Sep 3 14:31:47 EDT 2014 UICC connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
MDT-AO-01 UICC connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

1.2.182 MDT-08 – Nexus 4 (GSM)

381

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	jrr
Test Host:	pN100919

Test Case MDT-08 Access Data MPE+ v5.5.2.60	
Test Date:	Wed Sep 3 10:32:59 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:32:59 EDT 2014 Acquisition finished: Wed Sep 3 14:32:07 EDT 2014 Media acquisition disruption notification was not successful **Notes:** No error message when disrupting connectivity, it stopped and reported the data recovered until connectivity was disrupted.

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-02 Notification of SIM acquisition disruption.	Not as expected

Analysis:	Expected results not achieved

382

383   1.2.183   MDT-09 – Nexus 4 (GSM)

Test Case MDT-09 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:35:36 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:35:36 EDT 2014 Acquisition finished: Wed Sep 3 14:34:15 EDT 2014 SPN was not acquired ICCID was acquired IMSI was acquired MSISDN was acquired

Results:	Assertion & Expected Result	Actual Result
	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	Not as expected

Analysis:	Partial results achieved

384

385   1.2.184   MDT-10 – Nexus 4 (GSM)

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.

Test Case MDT-10 Access Data MPE+ v5.5.2.60	
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:36:10 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:36:10 EDT 2014 Acquisition finished: Wed Sep 3 14:34:40 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired **Notes:** French contact entry was incorrectly reported as Aur[0x05]lien instead of Aurélien.
Results:	

Assertion & Expec ed Result	Actual Result
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	Not as expected

Analysis:	Partial results achieved

386

1.2.185   MDT-11 – Nexus 4 (GSM)

Test Case MDT-11 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:36:46 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:36:46 EDT 2014 Acquisition finished: Wed Sep 3 14:36:38 EDT 2014 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful
Results:	

Test Case MDT-11 Access Data MPE+ v5.5.2.60

	Assertion & Expected Result	Actual Result
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	as expected
	MDT-AO-07 Select-individual UICC data objects acquisition.	as expected
Analysis:	Expected results achieved	

388 1.2.186　　　MDT-12 – Nexus 4 (GSM)

Test Case MDT-12 Access Data MPE+ v5.5.2.60

Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:25:16 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:25:16 EDT 2014 Acquisition finished: Tue Sep 2 15:26:27 EDT 2014 Notification of modified device memory data was successful **Notes:** Case file data can be modified without warning when re-opening the test case. However, when the test case is re-opened the original data is reported. Tool only gives warning when the case size changes.
Results:	

	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

389

390 1.2.187　　　MDT-13 – Nexus 4 (GSM)

Test Case MDT-13 Access Data MPE+ v5.5.2.60

Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:37:15 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:37:15 EDT 2014 Acquisition finished: Wed Sep 3 14:37:04 EDT 2014 Notification of modified SIM data was successful **Notes:** Case file data can be modified without warning when re-opening the test

Test Case MDT-13 Access Data MPE+ v5.5.2.60	
	case. However, when the case is re-opened the original data is reported. Tool only gives warning when file size changes.
Results:	**Assertion & Expected Result**	**Actual Result** | MDT-AO-08 Notification of modified device case data. as expected
Analysis:	Expected results achieved

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1.2.188   MDT-14 – Nexus 4 (GSM)

Test Case MDT-14 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:37:45 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:37:45 EDT 2014 Acquisition finished: Wed Sep 3 14:38:14 EDT 2014 Ability to enter PIN on protected media before acquisition was successful
Results:	**Assertion & Expected Result**	**Actual Result** | MDT-AO-09 Acquisition of password protected UICC. as expected
Analysis:	Expected results achieved

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1.2.189   MDT-15 – Nexus 4 (GSM)

Test Case MDT-15 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:38:26 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:38:26 EDT 2014 Acquisition finished: Wed Sep 3 14:38:48 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	**Assertion & Expected Result**	**Actual Result** | MDT-AO-10 Remaining number of PIN attempts properly as expected

Test Case MDT-15 Access Data MPE+ v5.5.2.60		
	displayed.	
Analysis:	Expected results achieved	

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1.2.190   MDT-16 – Nexus 4 (GSM)

Test Case MDT-16 Access Data MPE+ v5.5.2.60		
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	
Tester Name:	jrr	
Test Host:	pN100919	
Test Date:	Fri Sep 5 14:52:05 EDT 2014	
Device:	Nexus4_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Fri Sep 5 14:52:05 EDT 2014 Acquisition finished: Fri Sep 5 15:47:35 EDT 2014 Remaining number of PUK attempts were properly displayed	
Results:	**Assertion & Expected Result**	**Actual Result**
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

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1.2.191   MDT-19 – Nexus 4 (GSM)

Test Case MDT-19 Access Data MPE+ v5.5.2.60		
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	jrr	
Test Host:	pN100919	
Test Date:	Tue Sep 2 14:25:42 EDT 2014	
Device:	Nexus4_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:25:42 EDT 2014 Acquisition finished: Tue Sep 2 15:27:41 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	**Assertion & Expected Result**	**Actual Result**
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected

Test Case MDT-19 Access Data MPE+ v5.5.2.60		
	characters presented in their native format.	
Analysis:	Expected results achieved	

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1.2.192   MDT-20 – Nexus 4 (GSM)

Test Case MDT-20 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Wed Sep 3 10:39:13 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Wed Sep 3 10:39:13 EDT 2014 Acquisition finished: Wed Sep 3 14:39:10 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

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1.2.193   MDT-22 – Nexus 4 (GSM)

Test Case MDT-22 Access Data MPE+ v5.5.2.60	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	jrr
Test Host:	pN100919
Test Date:	Tue Sep 2 14:26:07 EDT 2014
Device:	Nexus4_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by Access Data MPE+ v5.5.2.60 Acquisition started: Tue Sep 2 14:26:07 EDT 2014 Acquisition finished: Tue Sep 2 15:28:15 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td><td>as expected</td></tr></table>

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